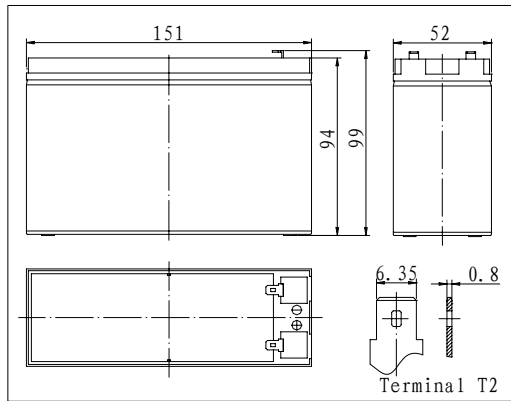
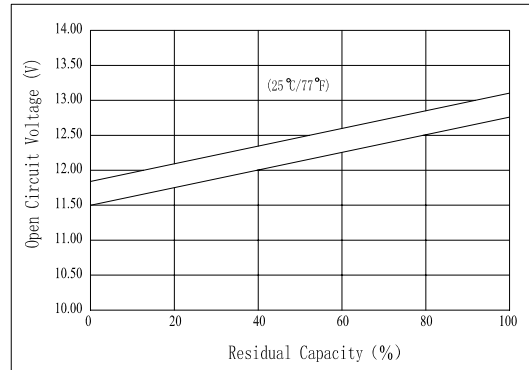


**Dimensions**



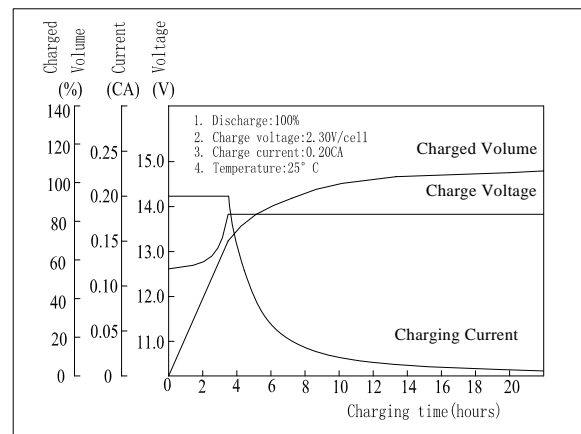
**The Relationship for Open Circuit Voltage and Residual Capacity (25°C)**



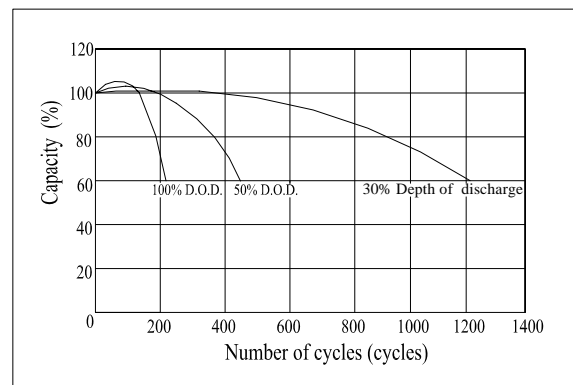
**Specifications**

Nominal Voltage	12 V	
Capacity(20HR, 25°C)	6.5 Ah	
Dimension	Length	151mm (5.94inch)
	Width	52mm (2.05inch)
	Height	94mm (3.70inch)
	Total Height	99mm (3.90inch)
Approx. Weight	1.92kg (4.17lbs)	
Internal resistance (Fully charged, 25°C)	Approx. 24mΩ	
Capacity affected by temperature (20HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature	25°C ± 3°C (77°F ± 5°F)	
Operating temperature range	-15°C ~ 50°C (5°F ~ 122°F)	
Float charging voltage(25°C)	13.60 to 13.80V	
Cyclic charging voltage(25°C)	14.50 to 14.90V	
Maximum charging current	1.95A	
Terminal material	Copper	
Maximum discharge current	98A(5 sec.)	

**Charging Characteristics(25°C)**



**Cycle Life(25°C)**



Note: Floating life at 20°C designed for 3 to 5 years.

- ◆ Absorbent glass mat technology;
- ◆ Recognized by UL & CE;
- ◆ ABS container.

**Constant Current Discharge Characteristics (A, 25°C)**

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	22.8	14.3	11.4	6.83	3.90	1.58	1.06	0.59	0.33
10.2V	21.6	13.6	10.9	6.55	3.74	1.56	1.04	0.59	0.33
10.8V	20.3	12.8	10.4	6.22	3.56	1.53	1.02	0.59	0.33

**Constant Power Discharge Characteristics (Watt, 25°C)**

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	254	161	130	78.2	45.2	18.8	12.6	7.13	3.96
10.2V	241	153	124	75.1	43.4	18.5	12.4	7.06	3.92
10.8V	227	144	118	71.3	41.2	18.2	12.2	7.06	3.90